

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 63020382 ✓  
PUBLICATION DATE : 28-01-88

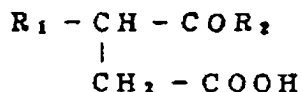
APPLICATION DATE : 15-07-86  
APPLICATION NUMBER : 61166083

APPLICANT : KAO CORP;

INVENTOR : TSUJII KAORU;

INT.CL. : C09K 3/00 A61K 7/00

TITLE : COLOR FORMING COMPOSITION



**ABSTRACT :** PURPOSE: To obtain a color forming composition which contains neither a coloring matter nor a pigment, has excellent stability and safety, and forms a continuously changing color, by dissolving a specified amount of an alkenylsuccinic acid (derivative) in an aqueous alcohol.

**CONSTITUTION:** An alkenylsuccinic anhydride obtained from a 16C or higher olefin and maleic anhydride is hydrolyzed or reacted with an amino compound (e.g., an amino acid) to give an alkenylsuccinic acid (derivative) (A) of the formula (wherein  $R_1$  is an 8~36C straight-chain or branched alkenyl;  $R_2$  is OH or an amidated amino acid residue). 0.1~10wt% component A is dissolved in a liquid (B) comprising water and, if necessary, 50wt% or less alcohol, thus giving a color forming composition comprising an aqueous alcohol solution of component A. This composition can be utilized for cosmetics such as a shampoo or a rinse, decorative goods such as an ornament for the alcove, an optical element such as a diffraction grating.

**COPYRIGHT:** (C)1988,JPO&Japio